



## Tiki medical – a revolutionary respiratory protection equipment

Tiki medical is designed specifically for medical use, with high comfort and safety.

It is one of the most advanced safety products on the market but to a user, it is one of the simplest to operate. The mask, with both inhalation and exhalation filter, is fully automatic and adjusts the airflow to the user's demand, Tiki has built-in lightings and is certified to the highest protection class for powered air purifying respirators (PAPR), EN 12942 TM3P.



POWERED AIR PURIFYING RESPIRATOR (PAPR)

Protection certificates  EN 12942 Class TM3P, APF 40, NPF  Battery life  Internal battery – up to 2,5 hours External battery – up to 10 hours  Charging time  Internal battery – up to 10 hours  Battery type and lifetime  LiPo battery with a lifetime of min 1,000 recharge cycles (approx. 20% capacity loss after 1,000 cycles)  Working temperature  -10 to +50°C  Pressure sensitivity  -0,2 mB  Battery warning time  >15 min (normal conditions)  Battery warning alarm  One flashing red LED and audible beeps every 5 seconds  Minimum free-flow air  Minimum filter free-flow  100L/min  Pressure trigger  -22 millibar  Pressure alarm  Two flashing red LEDs and audible beeps every second  Battery charge specification  Input 100-240V AC Output 0.7A  Mask weight and material  Blower weight and material  Blower weight and material  Filter weight and material  External battery weight  A8g  Total weight (less ext batt)  Calibration  Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions  Long term storage (>6 months): 17°C to 28°C at <60% RH  Medium term storage (>1 month): -20°C to 40°C at <30% RH  Warranty  Warranty  Warranty  External battery up to 10 hours  Internal battery up to 10,000 hours on fan unit upon presentation of receipt. See manual for full warranty.			
External battery – up to 10 hours  Charging time Internal battery – approx 1 hour External battery – approx 2,5 hours  Battery type and lifetime LiPo battery with a lifetime of min 1,000 recharge cycles (approx. 20% capacity loss after 1,000 cycles)  Working temperature -10 to +50°C  Pressure sensitivity <0,2 mB  Battery warning time >15 min (normal conditions)  Battery warning alarm One flashing red LED and audible beeps every 5 seconds  Minimum free-flow air 200L/min  Pressure trigger ≤2 millibar  Pressure alarm Two flashing red LEDs and audible beeps every second  Battery charge specification Input 100-240V AC Output 0.7A  Mask weight and material Small 92g, Medium 102g, Large 112g, PET, TPE  Blower weight and material 165g, ABS, electronics and LiPo battery  Filter weight and material 70g, ABS plastic and HEPA fibreglass media  Harness weight and material 200g  Battery cable weight 48g  Total weight (less ext batt) Small 430g, Medium 440g, Large 450g  Calibration Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions Long term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (1-6 months): 0°C to 38°C Short term storage (<1 month): -20°C to 40°C at <30% RH	Protection certificates	EN 12942 Class TM3P, APF 40, NPF	
Charging time Internal battery – approx 1 hour External battery – approx 2,5 hours  Battery type and lifetime LiPo battery with a lifetime of min 1,000 recharge cycles (approx. 20% capacity loss after 1,000 cycles)  Working temperature -10 to +50°C  Pressure sensitivity <0,2 mB  Battery warning time >15 min (normal conditions)  Battery warning alarm One flashing red LED and audible beeps every 5 seconds  Minimum free-flow air 200L/min  Pressure trigger ≤2 millibar  Pressure alarm Two flashing red LEDs and audible beeps every second  Battery charge specification Input 100-240V AC Output 0.7A  Mask weight and material Small 92g, Medium 102g, Large 112g, PET, TPE  Blower weight and material 165g, ABS, electronics and LiPo battery  Filter weight and material 33g, Cotton and elastane  External battery weight 200g  Battery cable weight 48g  Total weight (less ext batt) Small 430g, Medium 440g, Large 450g  Calibration Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions Long term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (1-6 months): 0°C to 38°C Short term storage (<1 month): -20°C to 40°C at <30% RH	Battery life	Internal battery – up to 2,5 hours	
External battery – approx 2,5 hours  Battery type and lifetime LiPo battery with a lifetime of min 1,000 recharge cycles (approx. 20% capacity loss after 1,000 cycles)  Working temperature -10 to +50°C  Pressure sensitivity <0.2 mB  Battery warning time >15 min (normal conditions)  Battery warning alarm One flashing red LED and audible beeps every 5 seconds  Minimum free-flow air 200L/min  Minimum filter free-flow 100L/min  Pressure trigger <2 millibar  Pressure alarm Two flashing red LEDs and audible beeps every second  Battery charge specification Input 100-240V AC Output 0.7A  Mask weight and material Small 92g, Medium 102g, Large 112g, PET, TPE  Blower weight and material 165g, ABS, electronics and LiPo battery Filter weight and material Tog, ABS plastic and HEPA fibreglass media  Harness weight and material External battery weight 200g  Battery cable weight 48g  Total weight (less ext batt) Small 430g, Medium 440g, Large 450g  Calibration Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions Long term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (1—6 months): 0°C to 38°C Short term storage (<1 months): -20°C to 40°C at <30% RH		External battery – up to 10 hours	
Battery type and lifetime LiPo battery with a lifetime of min 1,000 recharge cycles (approx. 20% capacity loss after 1,000 cycles)  Working temperature -10 to +50°C  Pressure sensitivity <0,2 mB  Battery warning time >15 min (normal conditions)  Battery warning alarm One flashing red LED and audible beeps every 5 seconds  Minimum free-flow air 200L/min  Minimum filter free-flow 100L/min  Pressure trigger <2 millibar  Pressure alarm Two flashing red LEDs and audible beeps every second  Battery charge specification Input 100-240V AC Output 0.7A  Mask weight and material Small 92g, Medium 102g, Large 112g, PET, TPE  Blower weight and material 165g, ABS, electronics and LiPo battery  Filter weight and material 70g, ABS plastic and HEPA fibreglass media  Harness weight and material 33g, Cotton and elastane  External battery weight 200g  Battery cable weight 48g  Total weight (less ext batt) Small 430g, Medium 440g, Large 450g  Calibration Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions Long term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (1-6 months): 0°C to 38°C Short term storage (<1 month): -20°C to 40°C at <30% RH	Charging time	Internal battery – approx 1 hour	
Working temperature       -10 to +50°C         Pressure sensitivity       <0,2 mB		External battery – approx 2,5 hours	
Working temperature Pressure sensitivity  8attery warning time  >15 min (normal conditions)  Battery warning alarm  One flashing red LED and audible beeps every 5 seconds  Minimum free-flow air  200L/min  Minimum filter free-flow  100L/min  Pressure trigger  ≥2 millibar  Pressure alarm  Two flashing red LEDs and audible beeps every second  Battery charge specification  Input 100-240V AC Output 0.7A  Mask weight and material  Blower weight and material  Filter weight and material  Filter weight and material  Filter weight and material  External battery weight  200g  Battery cable weight  48g  Total weight (less ext batt)  Small 430g, Medium 440g, Large 450g  Calibration  Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions  Long term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (1−6 months): 0°C to 38°C Short term storage (<1 month): -20°C to 40°C at <30% RH  Warranty  12 months or 2,000 hours on fan unit upon presentation of	Battery type and lifetime	LiPo battery with a lifetime of min 1,000 recharge cycles	
Pressure sensitivity <0,2 mB  Battery warning time >15 min (normal conditions)  Battery warning alarm One flashing red LED and audible beeps every 5 seconds  Minimum free-flow air 200L/min  Minimum filter free-flow 100L/min  Pressure trigger ≤2 millibar  Pressure alarm Two flashing red LEDs and audible beeps every second  Battery charge specification Input 100-240V AC Output 0.7A  Mask weight and material Small 92g, Medium 102g, Large 112g, PET, TPE  Blower weight and material 165g, ABS, electronics and LiPo battery  Filter weight and material 70g, ABS plastic and HEPA fibreglass media  Harness weight and material 33g, Cotton and elastane  External battery weight 200g  Battery cable weight 48g  Total weight (less ext batt) Small 430g, Medium 440g, Large 450g  Calibration Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions Long term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (1−6 months): 0°C to 38°C Short term storage (<1 month): -20°C to 40°C at <30% RH  Warranty 12 months or 2,000 hours on fan unit upon presentation of		(approx. 20% capacity loss after 1,000 cycles)	
Battery warning time >15 min (normal conditions)  Battery warning alarm One flashing red LED and audible beeps every 5 seconds  Minimum free-flow air 200L/min  Minimum filter free-flow 100L/min  Pressure trigger ≤2 millibar  Pressure alarm Two flashing red LEDs and audible beeps every second  Battery charge specification Input 100-240V AC Output 0.7A  Mask weight and material Small 92g, Medium 102g, Large 112g, PET, TPE  Blower weight and material 165g, ABS, electronics and LiPo battery  Filter weight and material 70g, ABS plastic and HEPA fibreglass media  Harness weight and material 33g, Cotton and elastane  External battery weight 200g  Battery cable weight 48g  Total weight (less ext batt) Small 430g, Medium 440g, Large 450g  Calibration Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions Long term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (<1 month): -20°C to 40°C at <30% RH  Warranty 12 months or 2,000 hours on fan unit upon presentation of	Working temperature	-10 to +50°C	
Battery warning alarm One flashing red LED and audible beeps every 5 seconds Minimum free-flow air 200L/min 100L/min Pressure trigger ≥2 millibar Pressure alarm Two flashing red LEDs and audible beeps every second Battery charge specification Input 100-240V AC Output 0.7A Mask weight and material Blower weight and material Blower weight and material Filter weight and material Filter weight and material Filter weight and material Fattery cable weight Small 430g, Medium 440g, Large 450g  Calibration Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions Long term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (1−6 months): 0°C to 38°C Short term storage (<1 month): -20°C to 40°C at <30% RH Warranty  Database Seconds	Pressure sensitivity	<0,2 mB	
Minimum free-flow air       200L/min         Minimum filter free-flow       100L/min         Pressure trigger       ≤2 millibar         Pressure alarm       Two flashing red LEDs and audible beeps every second         Battery charge specification       Input 100-240V AC Output 0.7A         Mask weight and material       Small 92g, Medium 102g, Large 112g, PET, TPE         Blower weight and material       165g, ABS, electronics and LiPo battery         Filter weight and material       70g, ABS plastic and HEPA fibreglass media         Harness weight and material       33g, Cotton and elastane         External battery weight       200g         Battery cable weight       48g         Total weight (less ext batt)       Small 430g, Medium 440g, Large 450g         Calibration       Electronic calibration by holding two buttons for 5 seconds, no external equipment needed         Storage conditions       Long term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (1-6 months): 0°C to 38°C	Battery warning time	>15 min (normal conditions)	
Minimum filter free-flow100L/minPressure trigger≤2 millibarPressure alarmTwo flashing red LEDs and audible beeps every secondBattery charge specificationInput 100-240V AC Output 0.7AMask weight and materialSmall 92g, Medium 102g, Large 112g, PET, TPEBlower weight and material165g, ABS, electronics and LiPo batteryFilter weight and material70g, ABS plastic and HEPA fibreglass mediaHarness weight and material33g, Cotton and elastaneExternal battery weight200gBattery cable weight48gTotal weight (less ext batt)Small 430g, Medium 440g, Large 450gCalibrationElectronic calibration by holding two buttons for 5 seconds, no external equipment neededStorage conditionsLong term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (1-6 months): 0°C to 38°C Short term storage (<1 month): -20°C to 40°C at <30% RH	Battery warning alarm	One flashing red LED and audible beeps every 5 seconds	
Pressure trigger Pressure alarm Two flashing red LEDs and audible beeps every second  Battery charge specification Input 100-240V AC Output 0.7A  Mask weight and material Blower weight and material Blower weight and material Filter weight and material Filter weight and material Farmess weight and material Fa	Minimum free-flow air	200L/min	
Pressure alarm  Battery charge specification  Input 100-240V AC Output 0.7A  Mask weight and material  Blower weight and material  Filter weight and material  Harness weight and material  External battery weight  Battery cable weight  Total weight (less ext batt)  Calibration  Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions  Long term storage (>6 months): 17°C to 28°C at <60% RH  Medium term storage (<1 month): -20°C to 40°C at <30% RH  Warranty  To and audible beeps every second  Input 100-240V AC Output 0.7A  Small 92g, Medium 102g, Large 112g, PET, TPE  Blower weight and material  165g, ABS, electronics and LiPo battery  70g, ABS plastic and HEPA fibreglass media  33g, Cotton and elastane  200g  Battery cable weight  48g  Total weight (less ext batt)  Small 430g, Medium 440g, Large 450g  Calibration  Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions  Long term storage (>6 months): 17°C to 28°C at <60% RH  Medium term storage (1-6 months): 0°C to 38°C  Short term storage (<1 month): -20°C to 40°C at <30% RH	Minimum filter free-flow	100L/min	
Battery charge specification Input 100-240V AC Output 0.7A  Mask weight and material Small 92g, Medium 102g, Large 112g, PET, TPE  Blower weight and material 165g, ABS, electronics and LiPo battery  Filter weight and material 70g, ABS plastic and HEPA fibreglass media  Harness weight and material 33g, Cotton and elastane  External battery weight 200g  Battery cable weight 48g  Total weight (less ext batt) Small 430g, Medium 440g, Large 450g  Calibration Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions Long term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (1-6 months): 0°C to 38°C Short term storage (<1 month): -20°C to 40°C at <30% RH  Warranty 12 months or 2,000 hours on fan unit upon presentation of	Pressure trigger	≤2 millibar	
Mask weight and materialSmall 92g, Medium 102g, Large 112g, PET, TPEBlower weight and material165g, ABS, electronics and LiPo batteryFilter weight and material70g, ABS plastic and HEPA fibreglass mediaHarness weight and material33g, Cotton and elastaneExternal battery weight200gBattery cable weight48gTotal weight (less ext batt)Small 430g, Medium 440g, Large 450gCalibrationElectronic calibration by holding two buttons for 5 seconds, no external equipment neededStorage conditionsLong term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (1-6 months): 0°C to 38°C Short term storage (<1 month): -20°C to 40°C at <30% RH	Pressure alarm	Two flashing red LEDs and audible beeps every second	
Blower weight and material 165g, ABS, electronics and LiPo battery  Filter weight and material 70g, ABS plastic and HEPA fibreglass media  Harness weight and material 33g, Cotton and elastane  External battery weight 200g  Battery cable weight 48g  Total weight (less ext batt) Small 430g, Medium 440g, Large 450g  Calibration Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions Long term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (1–6 months): 0°C to 38°C Short term storage (<1 month): -20°C to 40°C at <30% RH  Warranty 12 months or 2,000 hours on fan unit upon presentation of	Battery charge specification	Input 100-240V AC Output 0.7A	
Filter weight and material Harness weight and material External battery weight 200g Battery cable weight 48g  Total weight (less ext batt) Small 430g, Medium 440g, Large 450g  Calibration Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions Long term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (1–6 months): 0°C to 38°C Short term storage (<1 month): -20°C to 40°C at <30% RH  Warranty  12 months or 2,000 hours on fan unit upon presentation of	Mask weight and material	Small 92g, Medium 102g, Large 112g, PET, TPE	
Harness weight and material 33g, Cotton and elastane  External battery weight 200g  Battery cable weight 48g  Total weight (less ext batt) Small 430g, Medium 440g, Large 450g  Calibration Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions Long term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (1–6 months): 0°C to 38°C Short term storage (<1 month): -20°C to 40°C at <30% RH  Warranty 12 months or 2,000 hours on fan unit upon presentation of	Blower weight and material	165g, ABS, electronics and LiPo battery	
External battery weight 200g  Battery cable weight 48g  Total weight (less ext batt) Small 430g, Medium 440g, Large 450g  Calibration Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions Long term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (1–6 months): 0°C to 38°C Short term storage (<1 month): -20°C to 40°C at <30% RH  Warranty 12 months or 2,000 hours on fan unit upon presentation of	Filter weight and material	70g, ABS plastic and HEPA fibreglass media	
Battery cable weight 48g  Total weight (less ext batt) Small 430g, Medium 440g, Large 450g  Calibration Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions Long term storage (>6 months): 17°C to 28°C at <60% RH Medium term storage (1–6 months): 0°C to 38°C Short term storage (<1 month): -20°C to 40°C at <30% RH  Warranty 12 months or 2,000 hours on fan unit upon presentation of	Harness weight and material	33g, Cotton and elastane	
Total weight (less ext batt)  Small 430g, Medium 440g, Large 450g  Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions  Long term storage (>6 months): 17°C to 28°C at <60% RH  Medium term storage (1–6 months): 0°C to 38°C  Short term storage (<1 month): -20°C to 40°C at <30% RH  Warranty  12 months or 2,000 hours on fan unit upon presentation of	External battery weight	200g	
Calibration  Electronic calibration by holding two buttons for 5 seconds, no external equipment needed  Storage conditions  Long term storage (>6 months): 17°C to 28°C at <60% RH  Medium term storage (1–6 months): 0°C to 38°C  Short term storage (<1 month): -20°C to 40°C at <30% RH  Warranty  12 months or 2,000 hours on fan unit upon presentation of	Battery cable weight	48g	
no external equipment needed  Storage conditions  Long term storage (>6 months): 17°C to 28°C at <60% RH  Medium term storage (1–6 months): 0°C to 38°C  Short term storage (<1 month): -20°C to 40°C at <30% RH  Warranty  12 months or 2,000 hours on fan unit upon presentation of	Total weight (less ext batt)	Small 430g, Medium 440g, Large 450g	
Medium term storage (1–6 months): 0°C to 38°C  Short term storage (<1 month): -20°C to 40°C at <30% RH  Warranty  12 months or 2,000 hours on fan unit upon presentation of	Calibration	•	
Short term storage (<1 month): -20°C to 40°C at <30% RH  Warranty  12 months or 2,000 hours on fan unit upon presentation of	Storage conditions	Long term storage (>6 months): 17°C to 28°C at <60% RH	
Warranty 12 months or 2,000 hours on fan unit upon presentation of		Medium term storage (1–6 months): 0°C to 38°C	
		Short term storage (<1 month): -20°C to 40°C at <30% RH	
	Warranty		
Patent no. D755953	Patent no.	D755953	MADE IN SWEDEN



Tiki Safety AB Skällstavägen 9 SE-19740 Bro **SWEDEN** 

Tel: +46 (0)8 353 249 info@tikisafety.com www.tikimed.com

**C E** 2797

The complete mask is certified by NB according to ISO EN 12942.



The exhalation filter is a Medical device Class 1 product intended to be used in combination with the complete mask.